JURISDICTIONAL DETERMINATION Revised 8/13/04
U.S. Army Corps of Engineers

DISTRICT OFFICE: Omaha District Denver Regulatory Office
FILE NUMBER: 200580170

PROJECT LOCATION INFORMATION:
State: **Colorado**
County: **Jefferson, Arapahoe and Douglas**
Center coordinates of site (latitude/longitude): **39 33 59 105 02 26**
Approximate size of area (parcel) reviewed, including uplands: **2,560 acres**
Name of nearest waterway: **South Platte River**
Name of watershed: **Upper South Platte**

JURISDICTIONAL DETERMINATION
Completed: Desktop determination ☒ Date: **March 22 and 23, 2005**
Site visit(s) ☒ Date(s): **March 22, 2005**

Jurisdictional Determination (JD):
☐ Preliminary JD - Based on available information, ☐ *there appear to be* (or) ☐ *there appear to be no* "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).
☒ Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331).
Check all that apply:
☐ *There are* "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: _____.
☒ *There are* "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: **20 acres**
☒ *There are "isolated, non-navigable, intra-state* waters or wetlands" within the reviewed area.
☒ Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.

BASIS OF JURISDICTIONAL DETERMINATION:
A. Waters defined under 33 CFR part 329 as "navigable waters of the United States":
☐ The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
B. Waters defined under 33 CFR part 328.3(a) as "waters of the United States":
☐ (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide.
☐ (2) The presence of interstate waters including interstate wetlands[1].
☐ (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply):
☐ (i) which are or could be used by interstate or foreign travelers for recreational or other purposes.
☐ (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
☐ (iii) which are or could be used for industrial purposes by industries in interstate commerce.
☐ (4) Impoundments of waters otherwise defined as waters of the US.
☒ (5) The presence of a tributary to a water identified in (1) – (4) above.
☐ (6) The presence of territorial seas.
☐ (7) The presence of wetlands adjacent[2] to other waters of the US, except for those wetlands adjacent to other wetlands.

Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above). *If the jurisdictional water or wetland is not itself a navigable water of the United States, describe connection(s) to the downstream navigable waters. If B(1) or B(3) is used as the Basis of Jurisdiction, document navigability and/or interstate commerce connection (i.e., discuss site conditions, including why the waterbody is navigable and/or how the destruction of the waterbody could affect interstate or foreign commerce). If B(2, 4, 5 or 6) is used as the Basis of Jurisdiction, document the rationale used to make the determination. If B(7) is used as the Basis of Jurisdiction, document the rationale used to make adjacency determination:*

Wetland 2, 4, 6, 11 and open water channel 7, 17 and 18 (all Massey Draw channel) flow to the South Platte River, which is an interstate waters. Wetlands 24, 29, 30, 31, 32, 33, 34, 35 are surface connected wetlands (riparian) to the open water channel 23, 25, 28 of the South Platte River. Wetland 26 a shoreline wetland, which is in an abandoned gravel pit, now an open water lake is adjacent to the South Platte River. Open water gravel pit 27 is surface connected to a tributary/lake complex that flows to the South Platte River. Wetland 36 flows to the South Platte River. Open water channel 58, 60, 79 are the Highline Canal that flows to Sand Creek that flows to the South Platte River. Wetlands 59, 61, 62, 63, 65, 66, 67, 77, 78, 81, 82 are surface connected (riparian) to the Highline Canal. Wetland 68 (McLellan Reservoir on Dad Clark Gulch) is a tributary flowing to the South Platte River. Wetland 80 and 83 are Dad Clark Gulch that flows to the South Platte River through McLellan Reservoir. Open water channel 88 is tributary to Dad Clark Gulch. Wetland 98 is a tributary to Big Dry Creek that flows to the South Platte River. Wetlands 102, 103, 104 are tributary to Big Dry Creek. Open water channel 106 and 114 are Big Dry Creek. Wetlands 105, 107, 108, 109, 110, 111, 112, 113, 115, 116 are surface connected (riparian) to Big Dry Creek. Wetlands 118, 119, 120, 121, 122, 124, 126 are surface connected (riparian) on a tributary to Willow Creek that flows to Little Dry Creek that flows to the South Platte River. Open water channel 125 is a tributary to Willow Creek. Wetlands 133, 134, 136 are surface connected (riparian) to Willow Creek. Open water channel 137 is Willow Creek. Wetland 138 is a reach of Willow Creek.

Lateral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329)

- ☒ Ordinary High Water Mark indicated by:
  - ☒ clear, natural line impressed on the bank
  - ☐ the presence of litter and debris
  - ☐ changes in the character of soil
  - ☐ destruction of terrestrial vegetation
  - ☐ shelving
  - ☐ other:
- ☐ High Tide Line indicated by:
  - ☐ oil or scum line along shore objects
  - ☐ fine shell or debris deposits (foreshore)
  - ☐ physical markings/characteristics
  - ☐ tidal gages
  - ☐ other:
- ☐ Mean High Water Mark indicated by:
  - ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
- ☒ Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by: **Mary Powell of ERO**

Basis For Not Asserting Jurisdiction:

- ☐ The reviewed area consists entirely of uplands.
- ☐ Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7).
- ☐ Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3).
- ☒ The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States:
  - ☐ Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3.
  - ☐ Artificially irrigated areas, which would revert to upland if the irrigation ceased.
  - ☐ Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing.
  - ☐ Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons.
  - ☐ Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a).
  - ☒ Isolated, intrastate wetland with no nexus to interstate commerce.
  - ☐ Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale:
  - ☐ Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
  - ☒ Other (explain): **Wetlands 1, 3, 9, 10, 14, 15, 16, 19, 20, 21, 22, 37, 43, 45, 46, 49, 50, 51, 52, 53, 38, 39, 40, 41, 42, 44, 47, 48, 50, 53, 54, 55, 56, 57, 64, 69, 70, 71, 72, 73, 74, 75, 76, 84, 85, 86, 87, 89, 90, 91, 92, 93, 94, 95, 96, 97, 99, 100, 101, 117, 127, 128, 129, 130, 131, 132, 139, 140, 141, 142, 143 144, 146, 147, 148, 149, 150, 151, are neither adjacent to nor surface connected to a waters of the U.S. They are all surrounded by upland with upland vegetation or in the form of a road side ditch surrounded by upland. Wetlands 12 and 13, not identified on a U.S.G. S. map, terminate at the inlet of an underground culvert, open water 8 is a detention pond surrounded by upland and does not flow to a jurisdictional tributary**

DATA REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply):

- ☒ Maps, plans, plots or plat submitted by or on behalf of the applicant.
- ☒ Data sheets prepared/submitted by or on behalf of the applicant.
  - ☐ This office concurs with the delineation report, dated **Feb 2005**, prepared by (company): **ERO**
  - ☐ This office does not concur with the delineation report, dated _____, prepared by (company):
- ☐ Data sheets prepared by the Corps.
- ☐ Corps' navigable waters' studies:
- ☐ U.S. Geological Survey Hydrologic Atlas:
- ☒ U.S. Geological Survey 7.5 Minute Topographic maps: **Highlands Ranch, Littleton and Parker**
- ☐ U.S. Geological Survey 7.5 Minute Historic quadrangles:
- ☐ U.S. Geological Survey 15 Minute Historic quadrangles:
- ☐ USDA Natural Resources Conservation Service Soil Survey:
- ☐ National wetlands inventory maps:
- ☐ State/Local wetland inventory maps:
- ☐ FEMA/FIRM maps (Map Name & Date):
- ☐ 100-year Floodplain Elevation is: (NGVD)
- ☒ Aerial Photographs (Name & Date): **unknown**
- ☐ Other photographs (Date):
- ☐ Advanced Identification Wetland maps:
- ☒ Site visit/determination conducted on: **March 22, 2005**
- ☐ Applicable/supporting case law:
- ☐ Other information (please specify):

[1]Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

[2]The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.